

1013 – POLYETHYLENE GLYCOL-6000 (PEG-6000)

REF NO: TBL/QA/SS/LC/1013	STANDARD SPECIFICATION FOR POLYETHYLENE GLYCOL-6000 (PEG-6000)	Rev. No: 03
Issue No: 04		Review Date: 27/10/2024
Issue Date: 28/10/2021		Product code: 1013

PRODUCT PROPERTIES

C.A.S Number	25322-68-3
Chemical Formula	NA
Formula weight	NA
Functional Uses	Polyethylene glycol, referred to as PEG, is used as an inactive ingredient in the pharmaceutical industry as a solvent, plasticizer, surfactant, ointments and suppository base, and tablet and capsule lubricant
Standard Packaging	500gm. & 25Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to creamy white wax like powder
Solubility	Soluble in water

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5.0% Soln. at 25°C)	4.5 – 7.5
Freezing Point	56 – 60°C
Viscosity	250 – 290 mm ² s ⁻¹
Arsenic (As)	NMT – 3 ppm
Heavy Metal (Pb)	NMT – 5 ppm
Sulphated Ash	NMT – 0.1%
Mesh size	NLT – 60 mesh

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.